

In the specification:

Please replace the paragraph beginning on line 19, page 7 with the following amended paragraph:

The index for the branch to be predicted (index Ghist4 for branch BR4 in the example) can be used as a pointer into a prediction array that contains decision logic for implementing the branch-don't branch prediction for BR4.[[.]] In one embodiment, this decision logic contains a saturating counter in each location of the array. The use of saturating counters in prediction logic is known in the art and is not further described herein.